


**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 11715  
Application ID: 09681902  
Title of Invention: METHOD FOR ASSESSING  
EQUITY ADEQUACY  
First Named Inventor: Chistine Cooper  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-06-22  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 200-0884  
Digital Certificate Holder: cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: PkBdXqk6hFIzoQZHLQYPA==  
  
Total Fees Authorized: \$750.0  
  
Payment Category: DA - Deposit Account  
Deposit Account Number: 61510  
Deposit Account Name: Sheri L. Charles

# TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 200-0884

## METHOD FOR ASSESSING EQUITY ADEQUACY

First Named Inventor: Chistine M. Cooper

### SUBMITTED BY

Organization Name:	Ford Motor Company
Name:	Sheri Lynn Charles Electronic Application Specialist
Electronic Signature Mark: /slc	Date Signed: 20010622

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

bibd-transmittal	200-0884apds.xml
fee-transmittal	200-0884fee.xml
patent-assignment	200-0884asgn.xml
specification	specification.xml
declaration	declaration.tif

Year	Age	Sex	Weight (kg)	Height (cm)	Body Mass Index (BMI)	Waist Circumference (cm)	Waist-Hip Ratio	Trunk Flexion Angle (°)	Trunk Flexion Moment (Nm)	Trunk Flexion Power (W)	Trunk Flexion Energy (J)
1998	25	M	75	175	24.2	95	0.92	30	150	1500	15000
1999	26	M	78	178	24.5	98	0.93	32	160	1600	16000
2000	27	M	80	180	24.8	100	0.94	34	170	1700	17000
2001	28	M	82	182	25.0	102	0.95	36	180	1800	18000
2002	29	M	85	185	25.2	105	0.96	38	190	1900	19000
2003	30	M	88	188	25.4	108	0.97	40	200	2000	20000
2004	31	M	90	190	25.6	110	0.98	42	210	2100	21000
2005	32	M	92	192	25.8	112	0.99	44	220	2200	22000
2006	33	M	95	195	26.0	115	1.00	46	230	2300	23000
2007	34	M	98	198	26.2	118	1.01	48	240	2400	24000
2008	35	M	100	200	26.4	120	1.02	50	250	2500	25000
2009	36	M	102	202	26.6	122	1.03	52	260	2600	26000
2010	37	M	105	205	26.8	125	1.04	54	270	2700	27000
2011	38	M	108	208	27.0	128	1.05	56	280	2800	28000
2012	39	M	110	210	27.2	130	1.06	58	290	2900	29000
2013	40	M	112	212	27.4	132	1.07	60	300	3000	30000
2014	41	M	115	215	27.6	135	1.08	62	310	3100	31000
2015	42	M	118	218	27.8	138	1.09	64	320	3200	32000
2016	43	M	120	220	28.0	140	1.10	66	330	3300	33000
2017	44	M	122	222	28.2	142	1.11	68	340	3400	34000
2018	45	M	125	225	28.4	145	1.12	70	350	3500	35000
2019	46	M	128	228	28.6	148	1.13	72	360	3600	36000
2020	47	M	130	230	28.8	150	1.14	74	370	3700	37000
2021	48	M	132	232	29.0	152	1.15	76	380	3800	38000
2022	49	M	135	235	29.2	155	1.16	78	390	3900	39000
2023	50	M	138	238	29.4	158	1.17	80	400	4000	40000
2024	51	M	140	240	29.6	160	1.18	82	410	4100	41000
2025	52	M	142	242	29.8	162	1.19	84	420	4200	42000
2026	53	M	145	245	30.0	165	1.20	86	430	4300	43000
2027	54	M	148	248	30.2	168	1.21	88	440	4400	44000
2028	55	M	150	250	30.4	170	1.22	90	450	4500	45000
2029	56	M	152	252	30.6	172	1.23	92	460	4600	46000
2030	57	M	155	255	30.8	175	1.24	94	470	4700	47000
2031	58	M	158	258	31.0	178	1.25	96	480	4800	48000
2032											

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declaration.tif  
consent.tif  
permit to file.tif  
prior art.tif

Comments:

1. The first part of the document is a list of the names of the people who were interviewed for the study. The names are listed in alphabetical order. The second part of the document is a list of the questions that were asked of the people who were interviewed. The questions are listed in the order in which they were asked. The third part of the document is a list of the answers that were given to the questions. The answers are listed in the order in which they were given. The fourth part of the document is a list of the conclusions that were drawn from the study. The conclusions are listed in the order in which they were drawn.

## Declaration, Power of Attorney and Assignment

As the below named inventor(s),

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	DATE OF SIGNATURE
Christine M Cooper 6 Cromer Road Hornchurch, Essex RM11 1EZ GB	Hornchurch, Essex RM11 1EZ GB	GB	05/15/0
Mike Gulkewicz 45109 Brunswick Canton, Mich 48187 US	Canton, Mich 48187 US	US	05/11/0
Mario Spivak 4223 Spring Lake Blvd. Ann Arbor, MI 48108 US	Ann Arbor, MI 48108 US	US	05/11/0
Mark Turner 7277 Simsbury Dr. West Bloomfield, MI 48322 US	West Bloomfield, MI 48322 US	US	05/11/0
Neil Schloss 4380 patrick Road West Bloomfield US	West Bloomfield US	US	05/11/0
Paul Duncan McCarthy 5614 Walnut Hall Ann Arbor MI 48105 US	Ann Arbor MI 48105 US	US	05/11/0
Ron Alan Pollard 21142 Chase Drive Novi, Michigan 48375 US	Novi, Michigan 48375 US	US	05/11/0
Yong Yang 3416 Honeysuckle Ct. Ann Arbor, MI 48103 US	Ann Arbor, MI 48103 US	CN	05/11/0

I/we declare that:

This Declaration, Power of Attorney and Assignment is directed to the invention claimed in the patent application entitled: **MET ASSESSING EQUITY ADEQUACY**; Attorney docket number: **200-0884**

**Declaration** - I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which is sought on the above-identified invention;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be relevant to the patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the present application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

**Power of Attorney** - I/we hereby appoint Practitioners at Customer No. 28395 as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office and all foreign Patent Offices.

**Assignment** - Pursuant to my/our employment agreement with Ford Motor Company or a Ford Associated Company, or to my contractual obligation, I do sell, assign and transfer unto Ford Motor Company, the full and exclusive right for the United States and for all foreign countries to this invention, and any patent application depending from this invention including continuations,

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

Case Docket No. **200-0884**  
Date: June 13, 2001

Sir:

Inventor(s):

**Yong Yang**  
**Ron Pollard**  
**Paul McCarthy**  
**Neil Schloss**  
**Mark Turner**  
**Mario Spivak**  
**Mike Gulkewicz**  
**Christine Cooper**

For: **METHOD FOR ASSESSING EQUITY ADEQUACY**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:



David B. Kelley  
Attorney or Agent of Record  
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U.S. PATENT DOCUMENTS[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance



# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 750**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: Ford Global Technologies, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

## SUBMITTED BY

Authorized Name: Sheri L. Charles

Electronic Signature Mark: /slc

Date Signed: 20010622

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 8	103	\$ 18	0	\$ 0
Independent Claims: 1	102	\$ 80	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

[illegible]Subtotal For Additional Fees: \$ 40